

Commissioner for Patents
PATENT APPLICATION
Washington, D.C. 20231

11/15/00 U.S. PTO 09/713177 11/15/00
Submitted herewith for filing under 35 U.S.C. §111 and 37 CFR §1.53(b) is the non-provisional patent application of

INVENTOR(S): Glen H. Erikson and Jasmine I. Daksis

FILED: November 15, 2000

ENTITLED: TRIPLEX AND QUADRUPLIX CATALYTIC HYBRIDIZATION

Enclosed are:

- ☒ 31 pages of written description, claims and abstract.
☒ 1 informal application data sheet.
☐ sheet(s) of drawings.
☒ an assignment of the invention to Ingeneus Corporation.
☒ executed declaration of the inventor(s) and power of attorney.
☐ certified cop(ies) of a application.
☐ associate power of attorney.
☒ a verified statement by the inventor(s) to establish small entity status under 37 CFR §§1.9 and 1.27
☒ a verified statement by the assignee(s) to establish small entity status under 37 CFR §§1.9 and 1.27
☐ information disclosure statement
☐ preliminary amendment
☒ This is a continuation-in-part application of U.S. Patent Application No. 09/644,827, filed September 19, 2000 and U.S. Patent Application Serial No. 09/468,679, filed December 21, 1999.
☐ other:

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	63 - 20	= 43
INDEP CLAIMS	2 - 3	= 0
MULTIPLE DEPENDENT CLAIMS PRESENTED		

SMALL ENTITY	
RATE	FEE
	\$ 355
x 9 =	\$ 387
x 40 =	\$ 0
+ 135 =	\$ 0
TOTAL	\$ 742

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 710
x 18	\$
x 80	\$
270	\$
TOTAL	\$

* If the difference is less than zero, enter "0".

- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 03-0075 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$ 742.00 as filing fee.
- ☒ Charge payment of any additional filing fees required under 37 C.F.R. §§1.16 and 1.17 or credit any overpayment to Deposit Account No 03-0075.

November 15, 2000



03000

PATENT TRADEMARK OFFICE

NONPROVLAPPTRANS-020899

Respectfully submitted,

David M. Tener, Reg. No. 37,054

Customer No. 3,000

CAESAR, RIVISE, BERNSTEIN,

COHEN & POKOTILOV, LTD.

12TH Floor, Seven Penn Center, 1635 Market Street

Philadelphia, PA 19103-2212 Phone: 215-567-2010

Applicant(s) : Glen H. Erikson and Jasmine I. Daksis

Invention : TRIPLEX AND QUADRUPLIX CATALYTIC HYBRIDIZATION


This is a patent application which includes the following:

1. Transmittal letter in duplicate
2. Specification – 22 pages
3. Informal Application Data Sheet - 1 page
4. 63 Claims – 8 pages
5. Abstract – 1 page
6. Declaration for Patent Application – 1 page
7. Assignment of Ingeneus Corporation and Recordation Sheet
8. Statement Claiming Small Entity Status Independent Inventor
9. Statement Claiming Small Entity Status Small Business Concern
10. Return Receipt Postcard

“Express Mail” Mailing Label No. **EL 674 379 785 US**

Date of Deposit **November 15, 2000**

I hereby certify that the above-identified documents
are being deposited with the United States Postal
Service “Express Mail Post Office to Addressee”
service under 37 CFR 1.10 on the date indicated above
and are addressed to the Assistant Commissioner for
Patents, Washington, D.C. 20231



Marie Trahey

**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b))—INDEPENDENT INVENTOR**

Docket Number (Optional)
E1047/20048

Applicant, Patentee, or Identifier: GLEN H. ERIKSON and JASMINE I. DAKSIS

Application or Patent No.: _____

Filed or Issued: _____

Title: TRIPLEX AND QUADRUPLIX CATALYTIC HYBRIDIZATION

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ No such person, concern, or organization exists.
☒ Each such person, concern, or organization is listed below.

INGENEUS CORPORATION,
Trident House, Broad Street, Bridgetown, Barbados

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

Glen H. Erikson
NAME OF INVENTOR

Glen H. Erikson
Signature of Inventor

15 November
Date 2000

Jasmine I. Daksis
NAME OF INVENTOR

Jasmine Daksis
Signature of Inventor

15 November, 2000
Date

NAME OF INVENTOR

Signature of Inventor

Date

STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.8(f) & 1.27(c))--SMALL BUSINESS CONCERN

Docket Number (Optional)
E1047/20048

Applicant, Patentee, or Identifier: GLEN H. ERIKSON ET AL.
Application or Patent No.: _____
Filed or Issued: _____
Title: TRIPLEX AND QUADRUPLIX CATALYTIC HYBRIDIZATION

I hereby state that I am
☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN INGENEUS CORPORATION
ADDRESS OF SMALL BUSINESS CONCERN Trident House, Broad Street
Bridgetown, Barbados

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to: Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, DC 20416.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☒ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.8(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.8(d), or a nonprofit organization under 37 CFR 1.8(e).

- Each person, concern, or organization having any rights in the invention is listed below:
☒ no such person, concern, or organization exists.
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Glen H. Erikson
TITLE OF PERSON IF OTHER THAN OWNER Officer
ADDRESS OF PERSON SIGNING The Sands, Providenciales, Turks and
Caicos Islands, British West Indies
SIGNATURE *G. Erikson* DATE 12 November
2000